

Architects Data Sheet and Specifications Weldwood Permagard Surfaces

ALGOMA-MADE PERMAGARD® SURFACES for Weldwood® Paneling and Doors

PRODUCT: Permagard is a United States Plywood method developed for surfacing wood using transparent film.

Thickness: 0.003" (other thicknesses for special applications)

ADVANTAGES:

1. Highly resistant to abrasion—four times more resistant than high pressure laminates.
2. Costs less than high pressure laminates and is about one fourth the cost of a fine cabinet finish.
3. Does not change the natural color of the wood.*
4. Eliminates site labor and the possibility of poor finishing by incompetent labor.
5. The tough Permagard film offers excellent protection to the wood. It does not have a tendency to crack as many wood finishes do.
6. Surface can be cleaned in same manner as high pressure laminate, with a damp sponge or cloth. Waxes or other polishes are not necessary.
7. Highly resistant to most stains. (see chart below)
8. Application of film does not result in unbalanced construction.
9. Weldwood Permagard Panels and doors are available in satin or gloss finish.
10. Guarantee: See full guarantee on page 2.
11. Can be laminated to fire resistive panels and doors.
12. Permagard finished panels can be worked with ordinary wood working tools.
13. Ideal finish for vertical paneling in high traffic areas; such as school corridors, restaurants, motels and stores.
14. Highly recommended for cupboard doors, passageway doors and counter fronts. Easy to maintain.

*Permagard Surfaced Color Filled Hardwoods

KORINA • WALNUT • CHERRY • BIRCH • RED OAK • WHITE OAK

PERMAGARD COMPARATIVE PROPERTIES CHART

(The higher index indicates superior qualities)

	Permagard	High Pressure Laminate	Low Pressure Laminates	Various Commercially Available Synthetic Finishes i.e., Lacquer Varnish, Etc.	Flat Paint
WEAR—NEMA LP-2-201	100	25	25	5-9	4
SHEAR HARDNESS—TABER	100	125	70	35	20
STAIN RESISTANCE—NEMA LP-2-205	100	105	93	25-57	15
HIGH TEMPERATURE—NEMA LP-2-203	100	100	100	10-30	20
BOILING WATER—NEMA LP-2-202	100	100	100	10-100	10
CIGARETTE RESISTANCE	100	130	130	10	10
COLOR STABILITY—NEMA LP-2-206	100	100	100	30	25
IMPACT RESISTANCE**	100	60	60	100	60
CYCLE—HEAT & HUMIDITY	100	100	100	45-55	35

Example: PERMAGARD is four times more stain resistant than commercial finishes such as varnish, lacquer, etc.

**Varies according to hardness of wood, i.e., high density vs. low density.

AYERLY
CLASSICS
AT
4810
Vn1
1961

OVER

ALGOMA-MADE PERMAGARD SURFACES for Weldwood Paneling and Doors

LIMITATIONS:

1. Not satisfactory for exterior use.
2. Not cigarette resistant.
3. Not recommended for surfaces subject to sharp impact.

RECOMMENDED SPECIFICATIONS

Short Form:

Weldwood paneling and doors shall be finished with Permagard as manufactured by United States Plywood Corporation.

Long Form:

All Weldwood paneling and doors shall be finished with Permagard consisting of a 0.003" transparent thermo-plastic polyester film, bonded to face of plywood (door*) under heat and pressure. Adhesive to bond Permagard film to paneling and doors shall be a blend of polyester resins and solvents as manufactured by United States Plywood Corporation.

**Specification for Finish of Door Edges and Trim*

All four edges of doors (trim) shall be sanded smooth and dusted off. Three coats of Satinlac®, as manufactured by United States Plywood, shall be applied sanding lightly between first and second coats. Steel wool (00) final coat when dry.

LIFE OF THE BUILDING WARRANTY

The permanence of Weldwood Permagard surface on Algoma-Made hardwood panels or doors is guaranteed by United States Plywood Corporation for the full life of the building in which it is originally installed. Should any Weldwood Permagard surface fail to meet specification, the affected Permagard-surfaced panel or door will be replaced free of charge, or at the option of United States Plywood, the cost price will be refunded, following written claim by the owner or architect, and inspection and approval of such claim by a responsible representative of United States Plywood Corporation.



Weldwood Architects Service Department
UNITED STATES PLYWOOD
55 West 44th Street, New York 36, N. Y.